
Event Agenda

Sustainability Research + Innovation Congress 2024 in collaboration with Sustainability Science Days

Tue, May 21, 2024

- 8:00 AM - 8:30 AM** **Tea & Registration**
- 8:30 AM - 10:45 AM** **Opening Ceremony & Plenary: Toward Climate Justice for the Most Vulnerable Communities**
Location: Elangeni - Great Ilanga
Facilitator: Thembeke Mjwara, Ruvimbo Mache, Vicent Mbonye
- 10:45 AM - 11:00 AM** **Mid Morning Tea Break**
- 11:00 AM - 12:30 PM** **Future Earth Africa Hub and its Leadership Centre: Shaping the future of knowledge co-production and transformation co-design toward sustainability in Africa**
Location: Elangeni - Suite 1
Session Co-Host: Faten Attig Bahar ; Speakers: Daniel Nyanganyura, Michael Nxumalo, Heide Hackman, Heila Lotz-Sisitka, Cyril Mbatha, Nelson Odume ; Facilitator: Marcia Mandiyanike
- 11:00 AM - 12:30 PM** **Combining 'Local Knowledge Systems' and Sustainable Science in Debunking and Harnessing**
Location: Elangeni - Suite 2
Session Co-host: Samson Mhizha ; Speakers: Jumoke Oladele, Tapiwanashe Hadzizi, Dr Zvikomborero Manjengwah ; Facilitator: Samkelisiwe Gumede
- 11:00 AM - 12:30 PM** **China-Africa Joint Laboratory on BeiDou Satellite Navigation System and Remote Sensing Applications for Africa's Sustainable Development and Innovation**
Location: Elangeni - Suite 3
Session Co-Host: Tian Jin ; Speaker: Yang Dongkai ; Facilitator: Olufemi Michael Oladejo
- 11:00 AM - 12:30 PM** **A transition from unsustainable to sustainable clean energy alternatives for slum settlements of Mbale City - Uganda**
Location: Elangeni - Suite 4
Session Co-Host: Andrew Were ; Speakers: Bridget Nakangu, Daniel Woniata, Rhoda Nyaribi, Latibu Magambo, Eunice Muyama, Milton Watuwa, Cassim Namugali Wamatabu, Ambrose Ocen, Ruth Tracy Kyomukama ; Facilitator: Oluwaseun Temitope Ojogiwa
- 11:00 AM - 12:30 PM** **Sustainable Innovation Practices in Smart Agriculture and Clean Energy in Africa - Perspectives and Challenges.**
Location: Elangeni - Suite 5
Session Co-Host: Amos Kabo-Bah ; Speakers: Chukwuemeka J Diji, Chérifa Abdelbaki, Xiaosong Li, Peter Dery, Amatus Gylbag, Webster Gumindoga, Stephanie Solal ; Facilitator: Molefi Matsieli
- 11:00 AM - 12:30 PM** **AI and Sustainability Science in Africa: Anxieties, Challenges, and Opportunities for Early Career Professionals**
Location: The Meeting Room
Session Co-Host: Timothy A. Balag'kutu ; Speakers: Felix Kwabena Donkor, Mary Chibwe, Harriette Adhiambo Okal, Omotola Bukky Osunkanmibi, Hilda Evelyn Nkyondwa ; Facilitator: Sibongile Ruth Nhari
- 12:30 PM - 1:30 PM** **Lunch Break**
- 1:30 PM - 3:00 PM** **Défis de l'innovation et du Développement durable en Afrique Subsaharienne**
Location: Elangeni - Great Ilanga
Session Co-Host: Faten Attig Bahar ; Speakers: Traore Nohoua, Windinkonte Seogo, Laurence Nkakene Molou, Elfy Deba Bangagnan Yanga, Diran Soumonni ; Facilitator: Thembeke Mjwara
- 1:30 PM - 3:00 PM** **Energy Transition For Sustainable Development**
Location: Elangeni - Suite 1
Session Co-Host: Devendra Narain Singh ; Speaker: Faakirah Rashid ; Facilitator: Marcia Mandiyanike

- 1:30 PM - 3:00 PM** **Employing the principles of the Educational Partnerships for Innovation in Communities (EPIC) model as an approach to Sustainability and Climate Resilience in Durban**
Location: Elangeni - Suite 2
Session Co-Host: Mzime Murisa ; Speakers: Gavin Luter, Sean O'donoghue, Smiso Bhengu, Catherine Sutherland, Emy Li ; Facilitator: Samkelisiwe Gumede
- 1:30 PM - 3:00 PM** **Roundtable on Decarbonisation of Transport in Africa: Science, Technology, Innovations and Policy**
Location: Elangeni - Suite 3
Session Co-Host: Moses Ogutu ; Speakers: Evans Avedi, Jack Omondi, Dalene Campbell, Kouzou Abdellah, Samuel Bwalya, Jackie Kado, Mj Booysen ; Facilitator: Olufemi Michael Oladejo
- 1:30 PM - 3:00 PM** **Science Communication Training Workshop for Grant Applicants**
Location: Elangeni - Suite 4
Session Co-Host: Dikabo Mogopodi ; Speakers: Pfungwa Nyamukachi, Kedadire Mogotsi, Wiida Fourie-Basson, Tirelo Ramasedi ; Facilitator: Oluwaseun Temitope Ojogiwa
- 1:30 PM - 3:00 PM** **Can the vast Turkana saline aquifer green this arid region; a lesson from seawater greenhouse technology.**
Location: Elangeni - Suite 5
Session Co-Host: Joseph Kamau ; Speakers: Richard Mulwa, Evans Lomodei, Sadia Musse Ahmed, Kuria Ndungu, Heidi Richards ; Facilitator: Molefi Matsieli
- 1:30 PM - 3:00 PM** **ECRs Meeting**
Location: The Meeting Room
Facilitator: Sibongile Ruth Nhari
- 3:00 PM - 3:15 PM** **Afternoon Break**
- 3:15 PM - 4:45 PM** **Closed Session**
Location: Elangeni - Suite 1
Facilitator: Marcia Mandiyanike
- 3:15 PM - 4:45 PM** **Unpacking the role transdisciplinary research in strengthening health systems resilience and adaptation to climate change health risks in Africa**
Location: Elangeni - Suite 2
Session Co-Host: Vincent Pagiwa ; Speakers: Samson Mhizha, Ebenezer Forkuo Amankwaa, Brighton Chunga, Joseph Siewe Fodjo, Nkechi Owoo ; Facilitator: Samkelisiwe Gumede
- 3:15 PM - 4:45 PM** **BeiDou Satellite Navigation System and Remote Sensing Applications in Transport Safety & Management with Innovations**
Location: Elangeni - Suite 3
Session Co-Host: Tian Jin ; Facilitator: Olufemi Michael Oladejo
- 3:15 PM - 4:45 PM** **Due diligence in research management**
Location: Elangeni - Suite 4
Session Co-Host: Dr Raven Jimmy ; Speakers: Jan Phalane, Mpho Baloyi, Kholofelo Mampeule ; Facilitator: Oluwaseun Temitope Ojogiwa
- 3:15 PM - 4:45 PM** **Archiving and publishing sustainability research in the African research repository AfricArXiv**
Location: Elangeni - Suite 5
Session Co-Host: Dr Johanna Havemann ; Speakers: Keletso Masisi, Ebuka Ezeike ; Facilitator: Molefi Matsieli
- 3:15 PM - 4:45 PM** **Training Workshop on Science Diplomacy for African Early Career Scientists**
Location: The Meeting Room
Session Co-Host: Faten Attig Bahar, Felix Kwabena ; Speakers: Palmira Cuellar, Justice Musah Issah ; Facilitator: Sibongile Ruth Nhari
- 4:30 PM - 7:30 PM** **First Day Closing in Plenary Room followed by Posters, Networking Sessions and Forum**
Location: Elangeni - Great Ilanga
Facilitator: Ruvimbo Mache, Vicent Mbonye

Wed, May 22, 2024

8:00 AM - 8:30 AM **Tea & Registration**

8:30 AM - 10:00 AM	<p>Plenary: Navigating the Nexus - Unveiling Issues and Seizing Opportunities in Green and Blue Economies</p> <p>Location: Elangeni - Great Ilanga Facilitator: Thembeke Mjwara, Ruvimbo Mache, Vicent Mbonye</p>
10:00 AM - 10:05 AM	<p>Health Break</p>
10:05 AM - 11:35 AM	<p>Plenary: Harnessing Digital Innovation for Sustainable Futures</p> <p>Location: Elangeni - Great Ilanga Facilitator: Thembeke Mjwara, Ruvimbo Mache, Vicent Mbonye</p>
11:35 AM - 11:45 AM	<p>Mid Morning Tea Break</p>
11:45 AM - 1:15 PM	<p>Predicting the future of agricultural food and biofuel systems: intelligent agriculture in Africa as a green transition</p> <p>Location: Elangeni - Great Ilanga Session Co-Host: Atse Kambo Martial ; Speakers: Mireille Vanessa Demgne Tchuiam, Bi LEZIE Venance Irie, Hadeer Elkhoully, Olusola Adeoye, Hind Azidane, Blessing Churaku ; Facilitator: Thembeke Mjwara</p>
11:45 AM - 1:15 PM	<p>Closed Session</p> <p>Location: Elangeni - Suite 1 Facilitator: Marcia Mandiyanike</p>
11:45 AM - 1:15 PM	<p>Workshop on the Training BeiDou Satellite Navigation System and Remote Sensing Applications in Southern Africa and China</p> <p>Location: Elangeni - Suite 2 Session Co-Host: Yuchen Wang ; Facilitator: Samkelisiwe Gumede</p>
11:45 AM - 1:15 PM	<p>COVID -19 Pandemic and Digitalization of Higher Education (HE): insights from Nigerian Universities</p> <p>Location: Elangeni - Suite 3 Speakers: Olusegun Oladeinde, Jubilant Ogechi Umeh, Ajibola Anthony Akanji ; Facilitator: Olufemi Michael Oladejo</p>
11:45 AM - 1:15 PM	<p>Young Scholars Initiative (YSI) Workshop at the Africa Satellite Event - Sustainability Research + Innovation (SRI) 2024</p> <p>Location: Elangeni - Suite 4 Session Co-Host: Herbert Mba Aki ; Speakers: Ajibola Anthony Akanji, Felix Kwabena, Hadisu Abubakar, Morakane Madiba, Meisie Rasakanya, Kgadi Seabi, Peter Uledi ; Facilitator: Oluwaseun Temitope Ojogiwa</p>
11:45 AM - 1:15 PM	<p>CRA Session</p> <p>Location: Elangeni - Suite 5 Session Co-Host: Peter Wangai, Peacemaker Zenda ; Facilitator: Molefi Matsieli</p>
11:45 AM - 1:15 PM	<p>How African ECRs can shape African Sustainability Science Innovation</p> <p>Location: The Meeting Room Session Co-Host: Timothy A. Balag'kutu ; Speakers: Ajibola Anthony Akanji, Fenji Materechera-Mitochi, Hilda Evelyn Nkyondwa, Omotola Bukky Osunkanmibi, Vwambanji Namuwelo ; Facilitator: Sibongile Ruth Nhari</p>
1:15 PM - 2:15 PM	<p>Lunch Break</p>
2:15 PM - 3:45 PM	<p>CRA Session</p> <p>Location: Elangeni - Great Ilanga Session Co-Host: Peter Wangai, Peacemaker Zenda ; Facilitator: Ruvimbo Mache</p>
2:15 PM - 3:45 PM	<p>Green Energy Transition in Indian Agriculture</p> <p>Location: Elangeni - Suite 1 Session Co-Host: Asha Devi ; Facilitator: Marcia Mandiyanike</p>
2:15 PM - 3:45 PM	<p>Closed Session</p> <p>Location: Elangeni - Suite 2 Facilitator: Samkelisiwe Gumede</p>
2:15 PM - 3:45 PM	<p>Adapting Ocean-Climate Innovations for decent blue economy in Africa</p> <p>Location: Elangeni - Suite 3 Session Co-Host: Peter Teye Busumprah ; Speakers: Hadeer Elkhoully, Olusola Adeoye ; Facilitator: Olufemi Michael Oladejo</p>

- 2:15 PM - 3:45 PM** **The gaps and loopholes in co-management and governance of transboundary natural resources: Implications for sustainability**
Location: Elangeni - Suite 4
Session Co-Host: Nametso Dorothy Phonchi- Tshekiso ; Speakers: Victoria Tuwilika Shifidi, Bekezela Dube, Amanda Manyani ; Facilitator: Oluwaseun Temitope Ojogiwa
- 2:15 PM - 3:45 PM** **Mobilizing and Engaging Diverse Communities Towards an Inclusive Green Transition in Africa: A Pathway to Sustainable Future**
Location: Elangeni - Suite 5
Session Co-Host: Ogechi Umeh ; Speakers: Daniel Onyedikachi Ugwu, Kingsley Nnaemeka Ogbu Ogbu ; Facilitator: Molefi Matsieli
- 2:15 PM - 3:45 PM** **Training Workshop on Grant Writing and Interdisciplinary Collaboration for Early Career Researchers IN AFRICA**
Location: The Meeting Room
Session Co-Host: Faten Attig Bahar ; Speakers: Mammo Muchie, Felix Kwabena Donkor, Timothy A. Balag'kutu ; Facilitator: Sibongile Ruth Nhari
- 3:45 PM - 4:00 PM** **Afternoon Break**
- 4:00 PM - 5:30 PM** **CRA Session**
Location: Elangeni - Great Ilanga
Session Co-Host: Peacemaker Zenda, Peter Wangai ; Facilitator: Vicent Mbonye
- 4:00 PM - 5:30 PM** **How Science Technology and Innovation (STI) Policies supports Green Transitions in Southern African Development Community (SADC)**
Location: Elangeni - Suite 1
Session Co-Host: Phumelele Higgins ; Speakers: Dikabo Mogopodi, Lisho Mundia, Hluphi Constance Mafuwane, Thubelihle Sithole ; Facilitator: Marcia Mandiyanike
- 4:00 PM - 5:30 PM** **Showcasing the role of Local Authorities in innovative methods for changing behaviours and institutions towards more sustainable practices**
Location: Elangeni - Suite 2
Session Co-Host: Vwambanji Namuwelu ; Speaker: Mwaka Luguru ; Facilitator: Samkelisiwe Gumede
- 4:00 PM - 5:30 PM** **Empowering communities for resilience through the Education Partnerships for Innovation in Communities (EPIC) model in Africa**
Location: Elangeni - Suite 3
Session Co-Host: Mzime Regina Ndebele-Murisa ; Speakers: Bwalya Funga, Chipu Mubaya, Hilary Masundire, James McClain, Godfrey Nato, Gilbert Siame, Andrew Were, Sean O'donoghue, Smiso Bhengu, Catherine Sutherland ; Facilitator: Olufemi Michael Oladejo
- 4:00 PM - 5:30 PM** **Enriching the African niche of sustainability research and innovations for smart cities**
Location: Elangeni - Suite 4
Session Co-Host: Peter Wangai ; Speakers: Josephine Malonza, Benjamin Champion, David Mugo, Olusola Adeoye, Faith Mugah ; Facilitator: Oluwaseun Temitope Ojogiwa
- 4:00 PM - 5:30 PM** **Closed Session**
Location: Elangeni - Suite 5
Facilitator: Molefi Matsieli
- 4:00 PM - 5:30 PM** **Models for Seasonal and Subseasonal applications in the agriculture sector in Africa - training workshop for ECRs**
Location: The Meeting Room
Session Co-Host: Valentina Valentina Rabanal, Faten Attig Bahar ; Speakers: Marisol Osman, Felix Kwabena Donkor ; Facilitator: Sibongile Ruth Nhari
- 5:30 PM - 6:00 PM** **Second Day Closing, Gala Dinner and Networking**
Location: Elangeni - Great Ilanga
Facilitator: Thembeke Mjwara, Ruvimbo Mache, Vicent Mbonye

Thu, May 23, 2024

- 8:00 AM - 8:30 AM** **Tea & Registration**
- 8:30 AM - 10:00 AM** **Plenary: Fostering Science Leadership in the Global South**
Location: Elangeni - Great Ilanga
Facilitator: Thembeke Mjwara, Ruvimbo Mache, Vicent Mbonye

10:00 AM - 1:00 PM	<p>Site Visit Facilitator: Kholofelo Mampeule</p>
1:30 PM - 3:00 PM	<p>Sustainability in the Digital age (French session) Location: Elangeni - Great Ilanga Facilitator: Thembeke Mjwara</p>
1:30 PM - 3:00 PM	<p>Closed Session Location: Elangeni - Suite 1 Facilitator: Marcia Mandiyanike</p>
1:30 PM - 3:00 PM	<p>Closed Session Location: Elangeni - Suite 2 Facilitator: Samkelisiwe Gumede</p>
1:30 PM - 3:00 PM	<p>Navigating the Green Transition: Sustainable Practices from Botswana's Perspective Location: Elangeni - Suite 3 Session Co-Host: Lindiwe Modise ; Facilitator: Olufemi Michael Oladejo</p>
1:30 PM - 3:00 PM	<p>Green transitions: Perspectives from the Global South on a sustainable just transition Location: Elangeni - Suite 4 Session Co-Host: Felix Kwabena Donkor ; Speakers: Kambo Martial Atse, Mary Pokuaa Obeng, Oluseyi Adeyemi ; Facilitator: Oluwaseun Temitope Ojogiwa</p>
1:30 PM - 3:00 PM	<p>Closed Session Location: Elangeni - Suite 5 Facilitator: Molefi Matsieli</p>
1:30 PM - 3:00 PM	<p>AI for EO: Introduction, Case Studies, and Resources for Applying Artificial Intelligence to Earth Observation Data Location: The Meeting Room Session Co-Host: Sophie Hebden ; Speakers: Anna Jungbluth, Elhadi Adam, Abdelhakim Amazirh ; Facilitator: Sibongile Ruth Nhari</p>
3:00 PM - 3:15 PM	<p>Afternoon Break</p>
3:15 PM - 4:45 PM	<p>"La co-conception pour une transition vers des systèmes agroécologiques productifs et durables Location: Elangeni - Great Ilanga Session Co-Host: Mountaga Mboh ; Facilitator: Ruvimbo Mache</p>
3:15 PM - 4:45 PM	<p>Preparing for critical hydrologic impacts of climate change - 2 Location: Elangeni - Suite 1 Session Co-Host: Faten Attig Bahar ; Speakers: Jim Falk, Rita Colwell, Ismahane Elouafi, Adel Beltagi ; Facilitator: Marcia Mandiyanike</p>
3:15 PM - 4:45 PM	<p>Using satellite images to identify air pollution in Egypt Location: Elangeni - Suite 2 Speaker: Ibrahim Hassan ; Facilitator: Samkelisiwe Gumede</p>
3:15 PM - 4:45 PM	<p>Green Transitions in Africa: A regional perspective on biofuels and land grabbing Location: Elangeni - Suite 3 Session Co-Host: Felix Kwabena Donkor ; Speakers: Tlou Daisy Raphela, Ruby Hanson, Raphael Ane Atanga ; Facilitator: Olufemi Michael Oladejo</p>
3:15 PM - 4:45 PM	<p>Closed Session Location: Elangeni - Suite 4 Facilitator: Oluwaseun Temitope Ojogiwa</p>
3:15 PM - 4:45 PM	<p>Energy, Water and Climate Change in Africa, Contributions of PAUWES Location: Elangeni - Suite 5 Session Co-Host: Chérifa Abdelbaki ; Speakers: Nadia Badr, Djiby Thiam, Suhair Saad, Madani Bessedik, Samir Brairi, Berrezel Yacine, Abderrahim Badraoui ; Facilitator: Molefi Matsieli</p>
3:15 PM - 4:45 PM	<p>Training School on "AI4Climate Research in the Global South". Location: The Meeting Room Session Co-Host: Dr Mohamadou A Diallo ; Speakers: Michaela Hegglin, Fiona Spuler ; Facilitator: Sibongile Ruth Nhari</p>

4:45 PM - 7:30 PM

Third day closing followed by Posters, Networking and Forum sessions

Location: Elangeni - Great Ilanga
Facilitator: Vicent Mbonye

Fri, May 24, 2024

8:00 AM - 8:30 AM

Registration and Tea

8:30 AM - 10:00 AM

Plenary: From Theory to Action: UKZN's Leadership in Sustainable Research and Innovation

Location: Elangeni - Great Ilanga
Facilitator: Thembeke Mjwara

10:00 AM - 11:00 AM

Africa Regional Call Launch

Location: Elangeni - Great Ilanga
Facilitator: Ruvimbo Mache

11:00 AM - 11:30 AM

Closing Ceremony

Location: Elangeni - Great Ilanga
Facilitator: Vicent Mbonye

11:30 AM - 11:45 AM

Mid Morning Tea Break

Sat, May 25, 2024

Sun, May 26, 2024

Mon, May 27, 2024

Tue, May 28, 2024

Wed, May 29, 2024

Thu, May 30, 2024

Fri, May 31, 2024

Sat, Jun 01, 2024

Sun, Jun 02, 2024

Mon, Jun 03, 2024

Tue, Jun 04, 2024

Wed, Jun 05, 2024

Thu, Jun 06, 2024